



Related Activities to Try at Home (page 1 of 2)

Dear Family,

The activities below are related to *Measuring Length and Time*, the unit we are currently working on in math. Doing the activities together will help enrich your child's mathematical learning.

Measuring with Your Foot Length Use the foot length of different members of your family, measure the same distance in heel-to-toe steps. "How many parent feet is it from the door to the table?" "How many little brother feet measure the same distance?" You can also compare the same count of different-sized feet. For example, each person does 10 heel-to-toe steps. "How far are 10 parent steps?" "How far are 10 second-grader steps?"

Practice Measuring with a Ruler Look closely at a ruler with your child. Notice the numbers and talk about what they represent. Use the ruler to first measure different objects around the house that are less than 12 inches. Then measure distances and objects that are greater than 12 inches. Compare measurements of the same object in centimeters and inches.

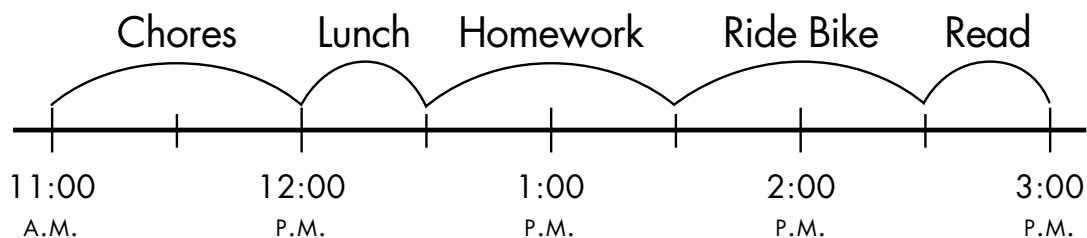
Comparing Jumps This is a good activity for outdoors. Use chalk to mark a starting point and then measure how far different people can jump. Talk about how to measure the jumps and compare the lengths. You might ask, "How much longer is this jump than that one?" or "How much farther would this person need to jump to go the same distance as this one?"

Timelines We will be working on making horizontal timelines to represent the course of time over a one-day period. Each hour is marked and the beginning and ending of different events are shown. Talk with your child about the work they are doing in school. Then help them to make a timeline of a day at home.

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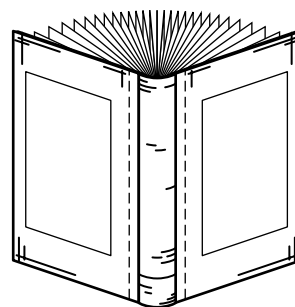


Related Activities to Try at Home (page 2 of 2)



Discuss start times, end times, and duration. “If we ate lunch from 12 to 12:30, how long was lunch?” “If you started riding your bike at 1:30 and rode for one hour, what time would it be then?”

Math and Literature Here are some suggestions for children’s books that contain ideas about linear measurement and time. Enjoy reading them together and discuss the mathematics you find.



Harper, Dan. *Telling Time with Big Mama Cat*.

Keenan, Sheila. *What Time is it?*

Jones, Carol. *What’s the Time, Mr. Wolf?*

Leedy, Loreen. *Measuring Penny*.

Lionni, Leo. *Inch by Inch*.

Murphy, Stuart J. *Super Sand Castle Saturday*.

Myller, Rolf. *How Big Is a Foot?*

Pluckrose, Henry. *Math Counts: Length*.

Pluckrose, Henry. *Math Counts: Time*.